

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

<b>Effective on 12/08/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b> <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	09/905,052-Conf. #3451
		Filing Date	July 12, 2001
		First Named Inventor	Hiroshi Samukawa
		Examiner Name	L. T. Umez Eronini
		Art Unit	1765
<b>TOTAL AMOUNT OF PAYMENT</b>		Attorney Docket No.	03310/018001
(\$)		120.00	

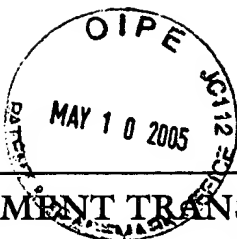
<b>METHOD OF PAYMENT</b> (check all that apply)	
<input type="checkbox"/> Check	<input checked="" type="checkbox"/> Credit Card
<input type="checkbox"/> Money Order	<input type="checkbox"/> None
<input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account	Deposit Account Number: <u>50-0591</u> Deposit Account Name: <u>Osha · Liang LLP</u>
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

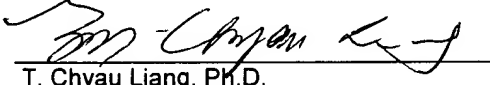
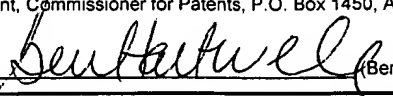
<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>		
		<b>Small Entity</b>		<b>Small Entity</b>		<b>Small Entity</b>	
<b>Application Type</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fees Paid (\$)</b>
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
<b>2. EXCESS CLAIM FEES</b>							
							<b>Small Entity</b>
<b>Fee Description</b>							<b>Fee (\$)</b>
Each claim over 20 (including Reissues)							50
Each independent claim over 3 (including Reissues)							200
Multiple dependent claims							360
<b>Total Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>		
20		- 20 =	x		<b>Fee (\$)</b>		<b>Fee Paid (\$)</b>
<b>Indep. Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
6		- 8 =	x				
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>		<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>		<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	
		- 100 =	/50	(round up to a whole number) x			
<b>4. OTHER FEE(S)</b>							
							<b>Fees Paid (\$)</b>
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): 1251 Extension for response within first month							120.00

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	48,885
Name (Print/Type)	T. Chyau Liang, Ph.D.	Telephone	(713) 228-8600
		Date	May 10, 2005

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV644973845US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: May 10, 2005      Signature: (Beri W. Hartwell)



AMENDMENT TRANSMITTAL LETTER			Docket No. 03310/018001	
Application No. 09/905,052-Conf. #3451	Filing Date July 12, 2001	Examiner L. T. Umez Eronini	Art Unit 1765	
Applicant(s): Hiroshi Samukawa				
Invention: ETCHING SOLUTIONS AND PROCESSES FOR MANUFACTURING FLEXIBLE WIRING BOARDS				
<b>TO THE COMMISSIONER FOR PATENTS</b>			<b>22511</b> <small>PATENT TRADEMARK OFFICE</small>	
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.				
<b>CLAIMS AS AMENDED</b>				
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate
Total Claims	20	- 20 =		x
Independent Claims	6	- 8 =		x
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>				
Other fee (please specify): Extension for response within first month				120.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>				<b>120.00</b>
<input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity				
<input type="checkbox"/> No additional fee is required for this amendment.				
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.				
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.				
<input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.				
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>50-0591</u> as described below. A duplicate copy of this sheet is enclosed.				
<input checked="" type="checkbox"/> Credit any overpayment.				
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.				
 T. Chyau Liang, Ph.D. Attorney Reg. No.: 48,885			Dated: <u>May 10, 2005</u>	
OSHA · LIANG LLP 1221 McKinney St., Suite 2800 Houston, Texas 77010 (713) 228-8600				
<p>I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV644973845US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.</p> <p>Dated: May 10, 2005      Signature:  (Beri W. Hartwell)</p>				



Docket No.: 03310.018001  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Design Application of:  
Hiroshi SAMUKAWA

Application No.: 09/905,052

Art Unit: 1765

Filed: July 12, 2001

Examiner: Lynette UMEZ-ERONINI

For: ETCHING SOLUTIONS AND PROCESSES  
FOR MANUFACTURING FLEXIBLE WIRING  
BOARDS

**22511**

PATENT TRADEMARK OFFICE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attn: Official Draftsperson

Dear Sir:


**SEPARATE LETTER TO THE OFFICIAL DRAFTSPERSON**

Please amend Figures 3a and 3b as shown in the enclosed replacement sheets. Figures 3a and 3b have been amended to accurately indicate that element 51 is a benzene ring. Applicant submits that these replacement figures are formal.

Please apply any charges not covered, or any credits, to Deposit Account 50-0591 (Reference Number 03310.018001).

Dated: 5/10/05

Respectfully submitted,

By   
T. Chyau Liang, Attorney for Applicant  
Registration No.: 48,885  
Osha · Liang LLP  
1221 McKinney, Suite 2800  
Houston, TX 77010  
(713) 228-8600  
(713) 228-8778 (Fax)



Application No. (if known): 09/905,052

Attorney Docket No.: 03310.018001

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV576719303US in an envelope addressed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on 5-10-05  
Date

Signature

Beri W. Hartwell

Typed or printed name of person signing Certificate

N/A  
Registration Number, if applicable

(713) 228-8600  
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Amendment Transmittal (1 page)  
Amendment (17 pages)  
Separate Letter to Official Draftsperson (1 page)  
Formal Drawing (1 page)  
Request for Extension of Time (2 pages)  
Fee Transmittal (1 page)  
PTO 2038 CC authorization form (1 page)